

Submitted for review pursuant to section 144.04, Wis. Stats., are this form and (as applicable):

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|--|--|--|--|
| 1. Name of Municipality | | 4. After installation, who will own and maintain the proposed sewers? | |
| Name of Sanitary District | | 5. Proposed Service Area | |
| Project Name or Identification | | Immediate _____ acres Ultimate _____ acres | |
| 2. Sewage treatment plant to which extensions are tributary: | | Population to be Served _____ | |
| 3. Name of Developer (if not municipality, an owner approval letter is required with this submittal): | | Density/acre _____ Population _____ | |
| Mailing Address | | Per Capita Sewage Contribution _____ | |
| City, State, Zip Code | | Average _____ GPD Peak _____ GPD | |
| | | Design Flows | |
| | | Ultimate _____ CFS Ultimate _____ CFS | |
| | | Average _____ CFS Peak _____ CFS | |
| | | Design BOD _____ | |
| | | Average _____ lb./day | |
| | | Are downstream sewers/lift stations in place and do they have the capacity to handle these ultimate flows? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| 6. Erosion Control | | D. Is the sewer extension part of a construction site that will disturb 5 or more acres of land? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| A. Does the municipality have an erosion control ordinance? <input type="checkbox"/> Yes <input type="checkbox"/> No | | E. If yes, has a Notice of Intent (Form 3400-161) for the construction site for coverage under a general construction site storm water discharge permit been submitted to the Dept. in accordance with Chapter NR 216, Wis. Adm Code? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| If yes, will compliance with the ordinance be required for this project? <input type="checkbox"/> Yes <input type="checkbox"/> No | | Construction Site ID #, if known _____ | |
| B. Do the plan sheets show the erosion control provisions? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| C. Do the specifications require that the erosion control measures be in place before construction begins and maintained during construction? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| 7. Will this sewer extension result in a diversion of water from a water supply system that uses surface water from the Great Lakes to the Mississippi River Basin? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| 8. Are there overflows or bypasses in the sewage system that function during periods of normal dry weather? <input type="checkbox"/> Yes <input type="checkbox"/> No | | 9. Are there overflows or bypasses in the sewage system that function during periods of wet weather? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| If yes, please identify and describe them: | | If yes, please identify and describe them: | |
| _____ | | _____ | |
| _____ | | _____ | |
| _____ | | _____ | |
| _____ | | _____ | |
| 10. Does the proposed project involve sewer extension(s) which: | | If 10B or 10C are answered "yes", please attach to this submittal, information to enable the completion of an environmental assessment screening worksheet (EASW). All state designated wetlands and environmental corridors must be delineated on the plans. | |
| A. passes through a state designated wetland? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| B. If yes, is the wetland greater than 5 acres? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | | | |
| C. has a pipe diameter greater than 18 inches? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |

11. A. Does the sewer project involve construction within 500 feet of the ordinary high water mark or over or under or in waters of the state? ☐ Yes ☐ No

If yes, has the DNR district water management coordinator been contacted for a Chapter 30 permit determination? ☐ Yes ☐ No

B. Does the proposed sewer pass through a floodway or floodplain? ☐ Yes ☐ No

If yes, indicate regional (100 year) flood elevation on plans: _____

12. A. Describe soil and groundwater conditions in the project area(s):

B. Will water be pumped from the excavation trench? ☐ Yes ☐ No

C. Is dewatering expected for this project? ☐ Yes ☐ No

D. If dewatering is expected, do the plans and specifications require the contractor to contact the Department's Private Water Supply Section for a permit for all wells installed or operated for which the single or aggregate capacity may be in excess of 70 gallons per minute? ☐ Yes ☐ No

If yes, is the Department's Private Water Supply Section's address for well permits listed as:
 Wisconsin Department of Natural Resources ☐ Yes ☐ No
 Private Water Supply Section
 Box 7921
 Madison, Wisconsin 53707

E. If dewatering is expected, has the Registry of Waste Disposal Sites in Wisconsin, the Leaking Underground Storage Tank Site List, the Annual Spills Report and local government been contacted to determine if there are any adjacent operating or abandoned sanitary landfills, leaking underground storage tanks or hazardous substance spills? ☐ Yes ☐ No

Based on the above contacts, is it expected that dewatering will occur near an operating or abandoned landfill, leaking underground storage tank or a hazardous substance spill? ☐ Yes ☐ No

If yes, do the plans and specifications contain clear instructions on dewatering in this area of concern and require the contractor to contact the Department's district solid waste coordinator for assistance prior to installing the dewatering well(s)? ☐ Yes ☐ No

13. List below all sewers to be constructed as part of this project:

Diameter (inches)	Length (feet)	Street Name or Easement Description	Material
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

14. Who will be responsible for inspection of this project? (List name and/or title, if known)	15. Are the plans signed and sealed by a registered Wisconsin professional engineer? <input type="checkbox"/> Yes <input type="checkbox"/> No
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16. Sewer Depth

A. What is the minimum depth of cover for all the sewers in the project? _____ feet

B. Will all sewers be installed deep enough to provide basement drainage for existing development? ☐ Yes ☐ No

17. Sewer Slope and Sizing

- A. Do all 8 inch diameter sewers have slopes of 0.4% or greater?
☐ Yes ☐ No
- B. Do any sewers have slopes greater than 20%?
☐ Yes ☐ No
- C. If the answer to B is yes, is the sewer anchored?
☐ Yes ☐ No ☐ N/A
- D. Design calculations for all sewers with diameters greater than 8 inches are (✓ one):
☐ Shown below ☐ Attached

18. Sewer Separation Between Water Supplies

- A. Are all sewers at least 200 feet from public water supply wells?
☐ Yes ☐ No
- B. Are all sewers at least 50 feet from private water supply wells?
☐ Yes ☐ No
- C. What is the minimum horizontal separation between the sewer and existing or future water mains?
 _____ feet
- D. Where water mains cross over sewers, what is the minimum vertical separation?
 _____ inches
- E. Where sewers cross over water mains, what is the minimum vertical separation?
 _____ inches

19. Manhole Installation

- A. Is a manhole being constructed at the end of each sewer line?
☐ Yes ☐ No
- B. To the best of your knowledge, will all manholes that are shown on the plans be installed as a part of the project?
☐ Yes ☐ No
- C. What is the maximum sewer interval between manholes for this project?
 _____ feet
- D. Are the sewers straight in alignment between manholes?
☐ Yes ☐ No
- E. Is there a manhole present at changes in sewer grade and size and at all pipe intersections?
☐ Yes ☐ No
- F. Are there locations where the invert elevation of the entering sewer to a manhole is 2 feet or more above the spring line of the outgoing sewer?
☐ Yes ☐ No

If yes, list the location of all outside drops:

- G. Are the tops of all manholes at or above finished grade?
☐ Yes ☐ No

20. Clearwater

- A. To the best of your knowledge, will all storm and other clearwater including that from sump pumps, roof drains, cistern overflows, and building foundation drains be excluded for these proposed sanitary sewers?
☐ Yes ☐ No
- B. To the best of your knowledge, will these street and tributary building sewers be laid in such a manner as to minimize entrance of groundwater and will building sewers and drains be installed to conform with state plumbing regulations (s. ILHR 82.36(3)(c)1., Wis. Adm. Code)?
☐ Yes ☐ No

To the best of my knowledge and belief, the above information is true, complete and correct.

 Signature of Consulting or Municipal Engineer Responsible for Preparing This Form

 Date Signed

 Wisconsin P.E. Number

 Telephone Number (include area code)

LEAVE BLANK-FOR DNR USE ONLY

- ☐ Complex
- ☐ Noncomplex
- ☐ Eligible (NR 110.05, Wis. Adm. Code)

 Reviewer's Signature